

EAST Search History

R.A.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	122	(uchida near3 tsuyoshi) (nakayama near4 takanori)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 07:40
S2	183	(positive near3 (gr\$1y\$1scale (gr\$1y adj1 scale)) near4 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:45
S3	174	(negative near3 (gr\$1y\$1scale (gr\$1y adj1 scale)) near4 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:45
S4	159	S2 & S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:07
S5	140429	((counter oppos\$3) near4 electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:46
S6	83	S4 & S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 18:48
S7	23852	(amplitude\$1 near5 (video image data) near4 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 20:00
S8	9	S6 & S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:03
S9	1	S2 same S3 same S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 18:50
S10	471730	(reference near4 (signal voltage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:53
S11	9	S2 & S3 & S7 & S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:08

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S12	0	S11 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:12
S13	52	S2 same S3 same S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:51
S14	7	S7 & S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:51
S15	1173	S5 with S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:54
S16	3	S2 same S3 same S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:54
S17	1	S7 & S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:54
S18	556274	((reference common) near4 (signal voltage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:54
S19	2595	S5 with S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:54
S20	4	S2 same S3 same S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:56
S21	1	S7 & S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:54
S22	87	S2 same S3 same S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 20:01
S23	7	S5 & S7 & S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 19:57

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S24	34872	((video image data) near4 signal\$1) with range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 20:02
S25	1	S2 same S3 same S18 same S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 20:02
S26	1148048	((video image data) near4 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 20:02
S27	14	S2 same S3 same S18 same S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/15 20:05
S28	352	(positive near3 (gr\$1y\$1scale (gr\$1y adj1 scale) gradation) near4 voltage\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:45
S29	344	(negative near3 (gr\$1y\$1scale (gr\$1y adj1 scale) gradation) near4 voltage\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:51
S30	23852	(amplitude\$1 near5 (video image data) near4 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:54
S31	34872	((video image data) near4 signal\$1) with range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:46
S32	1148048	((video image data) near4 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:46
S33	190551	((counter oppos\$3 common) near4 electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 12:47
S34	3	S28 same S29 same S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:02
S35	1530	(average near3 (gr\$1y\$1scale (gr\$1y adj1 scale) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:00

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S36	3	S30 same S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:00
S37	2	S28 same S29 same S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:02
S38	7	(S28 same S29) & S35 & S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:03
S39	3	S30 same S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:55
S40	28945	((amplitude\$1 magnitude) near5 (video image data) near4 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:10
S41	3	S35 same S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 13:55
S42	15675	(center near4 voltage\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:34
S43	1409	((diagram wave\$1form) same (center near4 voltage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:34
S44	115235	(gray\$1scale (gray adj2 (scale value)) gradation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:49
S45	16	S43 same S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:17
S46	5166	((gray\$1scale (gray adj2 (scale value)) gradation) with (wave\$1form diagram graph))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:18
S47	3379	((gray\$1scale (gray adj2 (scale value)) gradation) near5 (wave\$1form diagram graph))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:18

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S48	87	((gray\$1scale (gray adj2 (scale value)) gradation) with (wave\$1form diagram graph) with (magnitude amplitude))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:31
S49	2	((average near5 ((gray\$1scale (gray adj2 (scale value)) gradation) with (wave\$1form diagram graph) with (magnitude amplitude))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:32
S50	663	((diagram wave\$1form graph) with (center near4 voltage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:34
S51	3680	((average amplitude magnitude) near5 (gray\$1scale (gray adj2 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:35
S52	1	S50 same S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:36
S53	11	S50 & S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 14:36
S54	13555	((alter\$3 chang\$3 modify\$3 adjust\$3) near4 ((center near4 voltage) gr\$1y\$1scale (gr\$1y near3 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:10
S55	51506	((amplitude\$1 magnitude) near5 (video image data) near4 (signal\$1 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:56
S56	74	S54 same S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:26
S57	51	S54 with S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:22
S58	23	S56 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:23
S59	1637	((amplitude\$1 magnitude) near5 (video image data) near4 (signal\$1 data) near5 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:25

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S60	5	S54 same S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:47
S61	2828	345/89,690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:48
S62	7507	((increas\$3 decreas\$3) near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:53
S63	567	S61 & S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:51
S64	3422794	(wave\$1form diagram graph)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:52
S65	396	S62 same S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:52
S66	69	S61 & S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:52
S67	6365	(increas\$3 near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:55
S68	2329	(decreas\$3 near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:55
S69	898	S67 same S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:54
S70	119	S61 & S69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:54
S71	6822	(increas\$3 near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation (voltage\$1 near4 center)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:55

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S72	2614	(decreas\$3 near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation (voltage\$1 near4 center)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:40
S73	95	S55 & (S71 same S72)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:56
S74	22	S61 & S73	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/16 16:56
S75	11	("20020163524" "20020180680" "5627457" "5686934" "6046719" "6225992" "6275209" "6304255" "6633271").PN. OR ("7023458").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 10:04
S76	10	("20020163524" "20020180680" "5627457" "5686932" "5686934" "6046719" "6225992" "6275209" "6304255" "6633271").PN. OR ("7193637").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 10:06
S77	19	((decreas\$3 same increase) same (average near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:50
S78	247	((decreas\$3 same increase) same (center near4 voltage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:54
S79	1638	((amplitude\$1 magnitude) near5 (video image data) near4 (signal\$1 data) near5 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:33
S80	6565	((decreas\$3 same increase) same (average near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation) gradient))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:21
S81	94	((decreas\$3 same increase) same (average near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation gradient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:47
S82	252	S79 & "94"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:52

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S83	1	S79 & S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:52
S84	2832	345/89,690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:52
S85	3	S82 & S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:53
S86	1	S78 & S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:54
S87	1	S78 & S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 10:54
S88	623	((alter\$3 chang\$3 adjust\$4)with (average near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation gradient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:28
S89	1	S79 same S88	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 13:26
S90	1	S79 &20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 13:26
S91	1	S79 & S88	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 13:26
S92	623	((alter\$3 chang\$3 adjust\$4) with (average near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation gradient)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 13:27
S93	1988	((alter\$3 chang\$3 adjust\$4) with (center near4 voltage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 13:28
S94	2	S79 same S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 13:49

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S95	511	((over\$1driv\$3 (over near3 driv\$3 shoot\$3)) with (gr\$1y\$1scale (gr\$1y near3 (scale value)) gradient gradation (center near3 voltage\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:18
S96	41	S84 & S95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 13:53
S97	11	((over\$1driv\$3 (over near3 driv\$3 shoot\$3)) with average with (gr\$1y\$1scale (gr\$1y near3 (scale value)) gradient gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:17
S98	4	((over\$1driv\$3 (over near3 (driv\$3 shoot\$3))) with average with (gr\$1y\$1scale (gr\$1y near3 (scale value)) gradient gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:18
S99	340	((over\$1driv\$3 (over near3 (driv\$3 shoot\$3))) with (gr\$1y\$1scale (gr\$1y near3 (scale value)) gradient gradation (center near3 voltage\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:23
S100	301	S99 not S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:21
S101	338	((over\$1driv\$3 (over near3 (driv\$3 shoot\$3))) with (gr\$1y\$1scale (gr\$1y near3 (scale value)) gradient gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:28
S102	299	S101 not S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:23
S103	2	((over\$1driv\$3 (over near3 (driv\$3 shoot\$3))) with (center near3 voltage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 14:23
S104	213	((over\$1driv\$3 (over near3 (driv\$3 shoot\$3))) with (gr\$1y\$1scale (gr\$1y near3 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:14
S105	23819	((increas\$3 enhanc\$3) near4 (response near4 (speed time)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:17

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S10 6	6	S78 & S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:16
S10 7	37	S101 & S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:21
S10 8	66	S80 & S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:22
S10 9	19	((decreas\$3 same increase) same (average near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:21
S11 0	1448	((decreas\$3 same increase) same (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:22
S11 1	43	S105 & S110	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:22
S11 2	326	((alter\$3 chang\$3 adjust\$4)with (average near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:33
S11 3	2	S105 & S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:33
S11 4	20971	((alter\$3 chang\$3 adjust\$4)with ((gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:33
S11 5	278	S105 & S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:34
S11 6	51554	((amplitude\$1 magnitude) near5 (video image data) near4 (signal\$1 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:34
S11 7	45	S105 & S114 & S116	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:42

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S11 8	0	increase with average with gr\$1scale with (ris\$3 near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:59
S11 9	0	increase with average with gr\$1y\$1scale with (ris\$3 near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:44
S12 0	1	increase with gr\$1y\$1scale with (ris\$3 near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:45
S12 1	0	increase with (center near4 voltage1) with (ris\$3 near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:45
S12 2	0	increase with (center near4 voltage\$1) with (ris\$3 near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:45
S12 3	0	speed\$3 with (center near4 voltage\$1) with (ris\$3 near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:45
S12 4	2	speed\$3 with gr\$1y\$1scale with (ris\$3 near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:47
S12 5	233561	(amplitude near4 (signal\$1 data\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:48
S12 6	124866	((gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:50
S12 7	1248	S125 same S126	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:49
S12 8	28100	(amplitude with ((image video data) near4 signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:49
S12 9	18155	(amplitude near4 ((image video data) near4 signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:53

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S13 0	273	S126 same S129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:52
S13 1	9978558	(chang\$3 increas\$3 decreas\$3 adjust\$4 alter\$3 modify\$3 near6 (gr\$1y\$1scale (gr\$1y adj2 (scale value)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:51
S13 2	5805	S129 same S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:52
S13 3	36	S84 & S132	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 16:00
S13 4	13208	((increas\$3 speed\$3) with (ris\$3 near3 time))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 15:59
S13 5	53	S132 & S134	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 16:09
S13 6	4	((average with (gr\$1yscale (gr\$1y near3 scale))) & ((amplitude magnitude) with ((image video data) near4 signal\$1))).clm.	US-PGPUB	OR	OFF	2008/01/17 16:11
S13 7	3879	((increas\$3 same decreas\$3) same (gr\$1y\$1scale (gr\$1y near3 (scale value\$1)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:05
S13 8	14867	((increas\$3 same decreas\$3) same ((common reference) near4 voltage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:12
S13 9	242945	((counter common oppos\$3) near4 electrode\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 07:43
S14 0	49	S137 & (S138 same S139)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:01
S14 1	500	((increas\$3 same decreas\$3) same (center near3 voltage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:01

EAST Search History

S14 2	10	S141 & (S138 same S139)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:01
S14 3	35109	((increas\$3 same decreas\$3 alter\$3 chang\$3 adjust\$4 modify\$3) same (gr\$1y\$1scale (gr\$1y near3 (scale value\$1)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:11
S14 4	291408	((common reference) near4 voltage\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:07
S14 5	231	S139 same S143 same S144	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:08
S14 6	202	S145 not S140	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:08
S14 7	263728	(signal near4 (magnitude amplitude))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:22
S14 8	14	S139 same S143 same S144 same S147	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:11
S14 9	44367	((increas\$3 decreas\$3 alter\$3 chang\$3 adjust\$4 modify\$3) same (gr\$1y\$1scale (gr\$1y near3 (scale value\$1)) gradation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 10:11
S15 0	18	S139 same S149 same S144 same S147	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:13
S15 1	4	S150 not S148	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:11
S15 2	105324	((increas\$3 decreas\$3 alter\$3 chang\$3 adjust\$4 modify\$3) same ((common reference) near4 voltage\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:13
S15 3	105	S139 same S152 same S144 same S147	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:13

EAST Search History

S15 4	87	S153 not (S151 S148 S142)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:13
S15 5	19190	((signal near4 (magnitude amplitude)) with (((min minimum low\$3) & (max maximum high\$3)) (white & black)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 10:07
S15 6	506	S149 & S155	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:24
S15 7	109	S139 & S156	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:25
S15 8	90036	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:25
S15 9	65	S157 & S158	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 08:25
S16 0	6	("5398043" "5686932" "6359607" "6417906").PN. OR ("6570549"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/18 08:42
S16 1	30749	((source data video image) near4 signal\$1 near4 (magnitude amplitude))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 09:55
S16 2	5228595	((min minimum low\$3) & (max maximum high\$3)) (white & black))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 10:08
S16 3	3043327	((min minimum low\$3) with (max maximum high\$3)) (white & black))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 10:09
S16 4	3800520	((min minimum low\$3) same (max maximum high\$3)) (white & black))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 12:03
S16 5	17772	S161 & S163	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 10:10

EAST Search History

S16 6	1058	S149 & S165	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 10:11
S16 7	4385145	((min minimum low\$3 white black) same (max maximum high\$3 white black))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 12:04
S16 8	52	S149 same S161 same S167	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 12:18
S16 9	123	S152 same S161 same S167	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 12:18
S17 0	1298	((gray near scale) (gradation)) same (reference near voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 16:47
S17 1	2832	345/89,690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:22
S17 2	229	S170 & S171	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 16:47
S17 3	4	((average with (gr\$1yscale (gr\$1y near3 scale))) & ((amplitude magnitude) with ((image video data) near4 signal\$1))).clm.	US-PGPUB	OR	OFF	2008/01/18 16:49
S17 4	4	((average with (gr\$1yscale (gr\$1y near3 scale))) & ((amplitude magnitude) with ((image video data) near4 signal\$1))).clm.	US-PGPUB	OR	OFF	2008/01/18 16:49
S17 5	4	((average with (gr\$1y\$1scale (gr\$1y near3 scale))) & ((amplitude magnitude) with ((image video data) near4 signal\$1))).clm.	US-PGPUB	OR	OFF	2008/01/18 16:50
S17 6	38	(((gr\$1y\$1scale (gr\$1y near3 scale))) & ((amplitude magnitude) with ((image video data) near4 signal\$1))).clm.	US-PGPUB	OR	OFF	2008/01/18 17:01
S17 7	0	"5940058".pn.	US-PGPUB	OR	OFF	2008/01/18 17:01

EAST Search History

S17 8	2	"5940058".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:01
S17 9	8184	345/87,89,94,96,209,690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:23